Monica F Costa

List of Publications by Year
in descending order

90 papers	7,086 citations	76196 40 h-index	58464 82 g-index
94 all docs	94 docs citations	94 times ranked	6321 citing authors

#	Article	IF	Citations
1	The present and future of microplastic pollution in the marine environment. Environmental Pollution, 2014, 185, 352-364.	3.7	1,158
2	Plastic debris ingestion by marine catfish: An unexpected fisheries impact. Marine Pollution Bulletin, 2011, 62, 1098-1102.	2.3	343
3	Distribution patterns of microplastics within the plankton of a tropical estuary. Environmental Research, 2014, 132, 146-155.	3.7	340
4	Fish and aquatic habitat conservation in South America: a continental overview with emphasis on neotropical systems. Journal of Fish Biology, 2010, 76, 2118-2176.	0.7	320
5	Global research priorities to mitigate plastic pollution impacts on marine wildlife. Endangered Species Research, 2014, 25, 225-247.	1.2	275
6	On the importance of size of plastic fragments and pellets on the strandline: a snapshot of a Brazilian beach. Environmental Monitoring and Assessment, 2010, 168, 299-304.	1.3	257
7	Distribution, sources and consequences of nutrients, persistent organic pollutants, metals and microplastics in South American estuaries. Science of the Total Environment, 2019, 651, 1199-1218.	3.9	255
8	Marine debris review for Latin America and the Wider Caribbean Region: From the 1970s until now, and where do we go from here?. Marine Pollution Bulletin, 2007, 54, 1087-1104.	2.3	221
9	Here, there and everywhere. Small plastic fragments and pellets on beaches of Fernando de Noronha (Equatorial Western Atlantic). Marine Pollution Bulletin, 2009, 58, 1236-1238.	2.3	179
10	Plastic debris retention and exportation by a mangrove forest patch. Marine Pollution Bulletin, 2014, 78, 252-257.	2.3	170
11	Ingestion of nylon threads by Gerreidae while using a tropical estuary as foraging grounds. Aquatic Biology, 2012, 17, 29-34.	0.5	164
12	A critical review of the issue of cigarette butt pollution in coastal environments. Environmental Research, 2019, 172, 137-149.	3.7	162
13	The seasonal and spatial patterns of ingestion of polyfilament nylon fragments by estuarine drums (Sciaenidae). Environmental Science and Pollution Research, 2012, 19, 600-606.	2.7	158
14	Plastic pollution in islands of the Atlantic Ocean. Environmental Pollution, 2018, 238, 103-110.	3.7	155
15	Photoreduction of mercury in sea water and its possible implications for Hg0 airâ€“sea fluxes. Marine Chemistry, 1999, 68, 87-95.	0.9	153
16	Seasonal distribution and interactions between plankton andÂmicroplastics in a tropical estuary. Estuarine, Coastal and Shelf Science, 2015, 165, 213-225.	0.9	153
17	Pelagic microplastics around an archipelago of the Equatorial Atlantic. Marine Pollution Bulletin, 2013, 75, 305-309.	2.3	144
18	Seabirds indicate changes in the composition of plastic litter in the Atlantic and south-western Indian Oceans. Marine Pollution Bulletin, 2008, 56, 1406-1409.	2.3	134

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19	Microplastics in the pelagic environment around oceanic islands of the Western Tropical Atlantic Ocean. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	109
20	High intake rates of microplastics in a Western Atlantic predatory fish, and insights of a direct fishery effect. Environmental Pollution, 2018, 236, 706-717.	3.7	100
21	Photoreduction and evolution of mercury from seawater. Science of the Total Environment, 2000, 261, 125-135.	3.9	94
22	Using gut contents to assess foraging patterns of juvenile green turtles Chelonia mydas in the ParanaguÃ¡ Estuary, Brazil. Endangered Species Research, 2011, 13, 131-143.	1.2	85
23	Methods applied in studies of benthic marine debris. Marine Pollution Bulletin, 2008, 56, 226-230.	2.3	84
24	An analysis of the riverine contribution to the solid wastes contamination of an isolated beach at the Brazilian Northeast. Management of Environmental Quality, 2007, 18, 6-12.	2.2	83
25	Plastic debris contamination in the life cycle of Acoupa weakfish (Cynoscion acoupa) in a tropical estuary. ICES Journal of Marine Science, 2016, 73, 2695-2707.	1.2	76
26	Movement patterns of catfishes (Ariidae) in a tropical semiâ€arid estuary. Journal of Fish Biology, 2010, 76, 2540-2557.	0.7	69
27	Plastic pollution risks in an estuarine conservation unit. Journal of Coastal Research, 2013, 65, 48-53.	0.1	63
28	Changes in the composition of ichthyoplankton assemblage and plastic debris in mangrove creeks relative to moon phases. Journal of Fish Biology, 2016, 89, 619-640.	0.7	61
29	Mercury in tropical and subtropical coastal environments. Environmental Research, 2012, 119, 88-100.	3.7	59
30	PLASTICS IN THE ANTARCTIC ENVIRONMENT: ARE WE LOOKING ONLY AT THE TIP OF THE ICEBERG?. Oecologia Australis, 2011, 15, 150-170.	0.1	58
31	Microplastics in coastal and marine environments of the western tropical and sub-tropical Atlantic Ocean. Environmental Sciences: Processes and Impacts, 2015, 17, 1868-1879.	1.7	56
32	Total and methylmercury in a Brazilian estuary, Rio de Janeiro. Marine Pollution Bulletin, 2002, 44, 1018-1023.	2.3	55
33	Total and methyl mercury in different species of molluscs from two estuaries in Rio de Janeiro State. Journal of the Brazilian Chemical Society, 2006, 17, 1409-1418.	0.6	53
34	Visual diagnosis of solid waste contamination of a tourist beach: Pernambuco, Brazil. Waste Management, 2007, 27, 833-839.	3.7	51
35	Municipal Services on Tourist Beaches: Costs and Benefits of Solid Waste Collection. Journal of Coastal Research, 2006, 225, 1070-1075.	0.1	50
36	Seasonal differences in mercury accumulation in Trichiurus lepturus (Cutlassfish) in relation to length and weight in a Northeast Brazilian estuary. Environmental Science and Pollution Research, 2009, 16, 423-430.	2.7	49

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37	Influence of moon phase on fish assemblages in estuarine mangrove tidal creeks. Journal of Fish Biology, 2011, 78, 344-354.	0.7	49
38	Nursery Habitat Shifts in an Estuarine Ecosystem: Patterns of Use by Sympatric Catfish Species. Estuaries and Coasts, 2012, 35, 587-602.	1.0	46
39	Can the Atlantic ghost crab be a potential biomonitor of microplastic pollution of sandy beaches sediment?. Marine Pollution Bulletin, 2019, 145, 5-13.	2.3	45
40	Seasonal Diet Shifts and Overlap Between Two Sympatric Catfishes in an Estuarine Nursery. Estuaries and Coasts, 2013, 36, 237-256.	1.0	44
41	Environmental Quality Indicators for Recreational Beaches Classification. Journal of Coastal Research, 2008, 246, 1439-1449.	0.1	43
42	Marine litter on a highly urbanized beach at Southeast Brazil: A contribution to the development of litter monitoring programs. Marine Pollution Bulletin, 2021, 163, 111978.	2.3	39
43	Flag Items as a Tool for Monitoring Solid Wastes from Users on Urban Beaches. Journal of Coastal Research, 2008, 244, 890-898.	0.1	38
44	Anthropogenic Litter on Beaches With Different Levels of Development and Use: A Snapshot of a Coast in Pernambuco (Brazil). Frontiers in Marine Science, 2018, 5, .	1.2	38
45	Total mercury, organic mercury and selenium in liver and kidney of a South American coastal dolphin. Environmental Pollution, 2008, 154, 98-106.	3.7	35
46	Plastic litter on an urban beach â€" a case study in Brazil. Waste Management and Research, 2009, 27, 93-97.	2.2	35
47	Do beachrocks affect microplastic deposition on the strandline of sandy beaches?. Marine Pollution Bulletin, 2019, 141, 569-572.	2.3	35
48	The interaction rainfall vs. weight as determinant of total mercury concentration in fish from a tropical estuary. Environmental Pollution, 2012, 167, 1-6.	3.7	34
49	Methylmercury and total mercury in estuarine organisms from Rio de Janeiro, Brazil. Environmental Science and Pollution Research, 2001, 8, 275-279.	2.7	32
50	Feeding ecology and seasonal diet overlap between Stellifer brasiliensis and Stellifer stellifer in a tropical estuarine ecocline. Journal of Fish Biology, 2015, 86, 707-733.	0.7	32
51	Seasonal and spatial ontogenetic movements of Gerreidae in a Brazilian tropical estuarine ecocline and its application for nursery habitat conservation. Journal of Fish Biology, 2016, 89, 696-712.	0.7	32
52	Trophic niche and habitat shifts of sympatric Gerreidae. Journal of Fish Biology, 2014, 85, 1446-1469.	0.7	30
53	Spatial and Temporal Patterns of Use of Boa Viagem Beach, Northeast Brazil. Journal of Coastal Research, 2008, 1, 79-86.	0.1	29
54	Seasonal-Dial Shifts of Ichthyoplankton Assemblages and Plastic Debris around an Equatorial Atlantic Archipelago. Frontiers in Environmental Science, 2016, 4, .	1.5	28

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55	Special challenges in the conservation of fishes and aquatic environments of South America. Journal of Fish Biology, 2016, 89, 4-11.	0.7	26
56	â€œSampling of micro(nano)plastics in environmental compartments: How to define standard procedures?â€• Current Opinion in Environmental Science and Health, 2018, 1, 36-40.	2.1	24
57	Interannual and Seasonal Variations in Estuarine Water Quality. Frontiers in Marine Science, 2018, 5, .	1.2	24
58	Dynamics of Marine Debris Ingestion by Profitable Fishes Along The Estuarine Ecocline. Scientific Reports, 2019, 9, 13514.	1.6	24
59	Ideal width of transects for monitoring source-related categories of plastics on beaches. Marine Pollution Bulletin, 2006, 52, 957-961.	2.3	23
60	Distribution, characteristics and short-term variability of microplastics in beach sediment of Fernando de Noronha Archipelago, Brazil. Marine Pollution Bulletin, 2021, 166, 112212.	2.3	23
61	Total mercury in Perna perna mussels from Guanabara Bay Ã¢Â€Â” 10 years later. Science of the Total Environment, 2000, 261, 69-73.	3.9	21
62	Threats to sea turtle populations in the Western Atlantic: poaching and mortality in small-scale fishery gears. Journal of Coastal Research, 2013, 65, 42-47.	0.1	19
63	Early development and allometric shifts during the ontogeny of a marine catfish (Cathorops) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	0.3	17
64	Cigarette butts in beach litter: Snapshot of a summer holiday. Marine Pollution Bulletin, 2021, 172, 112858.	2.3	17
65	Ecology of microplastics contamination within food webs of estuarine and coastal ecosystems. MethodsX, 2020, 7, 100861.	0.7	16
66	Total and methylmercury levels of a coastal human population and of fish from the Brazilian northeast. Environmental Science and Pollution Research, 2001, 8, 280-284.	2.7	15
67	Oceanografia e QuÃmica: unindo conhecimentos em prol dos oceanos e da sociedade. Quimica Nova, 2013, 36, 1497-1508.	0.3	15
68	Microplastics Sampling and Sample Handling. Comprehensive Analytical Chemistry, 2017, 75, 25-47.	0.7	15
69	Rip currents signaling and users behaviour at an overcrowded urban beach. Ocean and Coastal Management, 2018, 155, 90-97.	2.0	15
70	Total mercury in the fish Trichiurus lepturus from a tropical estuary in relation to length, weight, and season. Neotropical Ichthyology, 2011, 9, 183-190.	0.5	14
71	Early development of marine catfishes (Ariidae): from mouth brooding to the release of juveniles in nursery habitats. Journal of Fish Biology, 2013, 82, 1990-2014.	0.7	13
72	Vertical growth in a coastal city: an analysis of Boa Viagem (Recife, Brazil). Journal of Coastal Conservation, 2016, 20, 31-42.	0.7	13

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73	Different faces of cigarette butts, the most abundant beach litter worldwide. Environmental Science and Pollution Research, 2022, 29, 48926-48936.	2.7	12
74	VerticalizaÃ§Ã£o da Praia da Boa Viagem (Recife, Pernambuco) e suas ConsequÃªncias SÃ³cio-Ambientais. Journal of Integrated Coastal Zone Management, 2008, 8, 233-245.	0.2	11
75	Methodology for the development of 3D GIS models in the Coastal Zone. Journal of Coastal Research, 2014, 70, 479-484.	0.1	10
76	Interannual water quality changes at the head of a tropical estuary. Environmental Monitoring and Assessment, 2017, 189, 628.	1.3	10
77	Estuarine Ecoclines and the Associated Fauna: Ecological Information as the Basis for Ecosystem Conservation. Coastal Research Library, 2017, , 479-512.	0.2	9
78	How Can Accurate Landing Stats Help in Designing Better Fisheries and Environmental Management for Western Atlantic Estuaries?. Coastal Research Library, 2017, , 631-703.	0.2	7
79	Seasonal variation in the abundance and distribution ofAnomalocardia flexuosa(Mollusca,) Tj ETQq1 1 0.784314 rgBT /Overloc	0.9	6
80	Small-scale water quality monitoring networks. Journal of Coastal Research, 2013, 165, 1218-1223.	0.1	5
81	Analysis of urban growth in coastal areas supported by 2D/2.5D GIS data. A comparative study of Boa Viagem Beach (Brazil) and Rocha Beach (Portugal). Journal of Coastal Conservation, 2019, 23, 1081-1091.	0.7	5
82	Total mercury (T Hg) in Anomalocardia brasiliana (Mollusca) under different biological and environmental conditions. Latin American Journal of Aquatic Research, 2016, 44, 267-274.	0.2	5
83	Global Changes, Anthropogenic Impacts and the Future of the Oceans. Revista Virtual De Quimica, 2018, 10, 1947-1967.	0.1	4
84	Grazing behaviour of a nonâ€herbivorous characin: revisiting plasticity. Journal of Fish Biology, 2014, 85, 488-493.	0.7	1
85	Short-term patterns of shellfish exploitation by traditional estuarine fisheries. Global Ecology and Conservation, 2017, 12, 36-45.	1.0	0
86	Mangrove Park of Recife: A century of extreme uses and abuses (?). Regional Studies in Marine Science, 2021, 42, 101654.	0.4	0
87	Posicionamentos e controvÃ©rsias no movimento hip-hop. Estudos De Psicologia (Natal), 2013, 18, 389-396.	0.0	0
88	Ecotourism. Encyclopedia of Earth Sciences Series, 2016, , 236-237.	0.1	0
89	Microplastics Pollution: Scientists On The Road To Consensus. , 2018, , .		0
90	Collection and Separation of Microplastics. , 2022, , 33-56.		0